

# Claims

[c1] What is claimed:

1. A machine gun mount for mounting a machine gun in a movable support arm of a helicopter, said mount comprising:

a gun cradle adapted to be detachably connected to a machine gun;

a pintle including means at one end thereof adapted to pivotably mount the pintle, and thus the mount, on the movable support arm so as to enable pivoting movement of the mount, and thus a machine gun mounted in the gun cradle, in a horizontal plane, said pintle being pivotably connected at an opposite end thereof to said gun cradle so as to permit the gun cradle, and thus a machine gun mounted in the gun cradle, to be rotated in a vertical plane through 90 degrees between a first, operative position and a second, stowed position;

locking means for locking the gun cradle in the stowed position;

a magazine attached to one side of the gun cradle;

a spent case and link frame attached to the opposite side of the gun cradle;

a spent case and link catch bag connected to and sup-

ported by said frame; and  
a spent case and link deflector supported by said mount  
and disposed so as to deflect spent cases and links  
ejected from a machine gun mounted in the gun cradle  
away from the machine gun to one side thereof.

[c2] 2. A device as claimed in claim 1 wherein said magazine  
includes a lower inwardly projecting portion disposed  
below said cradle.

[c3] 3. A device as defined in claim 1 wherein said cradle in-  
cludes first and second axially spaced mounting ele-  
ments on said one side and said magazine includes a  
pair of mounting brackets secured to said mounting ele-  
ments.

[c4] 4. A device as defined in claim 1 wherein said gun cradle  
includes first and second transversely spaced lugs  
adapted to support a machine gun on the mount.

[c5] 5. A device as defined in claim 4 wherein said gun cradle  
includes transversely spaced first and second mounting  
members extending oppositely from said first and sec-  
ond lugs for supporting said opposite end of said pintle.

[c6] 6. A machine gun mount for mounting a machine gun in  
a movable support arm of a helicopter, said mount com-  
prising:

a gun cradle adapted to be releasably connected to the machine gun;

a pintle including means at one end thereof adapted to pivotably mount the pintle, and thus the mount, on the movable support arm so as to enable pivoting movement of the mount, and thus a machine gun mounted in the gun cradle, in a horizontal plane, said pintle being pivotably connected at an opposite end thereof to said gun cradle so as to permit the gun cradle, and thus a machine gun mounted in the gun cradle, to be rated in a vertical plane through 90 degrees between a first, operative position and a second, stowed position;

retaining means for retaining the gun cradle in the stowed position;

a magazine attached to one side of the gun cradle, said magazine including a lower inwardly projecting portion disposed below said cradle;

a spent case and link frame attached to the opposite side of the gun cradle; and

a spent case and link bag connected to and supported by said frame.

- [c7] 7. A device as defined in claim 6 wherein said cradle includes first and second axially spaced mounting elements on said one side and said magazine includes a pair of mounting brackets secured to said mounting ele-

ments.

- [c8] 8. A device as defined in claim 6 wherein said gun cradle includes first and second transversely spaced lugs and at least one cooperating quick release pin adapted to releasably connect a machine gun to the mount.
- [c9] 9. A device as defined in claim 8 wherein said gun cradle includes transversely spaced first and second mounting members extending oppositely from said first and second lugs for supporting said opposite end of said pintle.
- [c10] 10. A machine gun mount for mounting a machine gun in a movable support arm of a helicopter, said mount comprising:  
a gun cradle adapted to be detachably connected to a machine gun, said cradle including first and second axially spaced mounting elements on said one side and first and second transversely spaced lugs adapted to support the machine gun on the mount;  
a pintle including means at one end thereof adapted to pivotably mount the pintle, and thus the mount, on the movable support arm so as to enable pivoting movement of the mount, and thus a machine gun mounted in the gun cradle, in a horizontal plane, said pintle being pivotably connected at an opposite end thereof to said gun cradle so as to permit the gun cradle, and thus a ma-

chine gun mounted in the gun cradle, in a horizontal plane, said pintle being pivotable connected at an opposite end thereof to said gun cradle so as to permit the gun cradle, and thus a machine gun mounted in the gun cradle, to be rotated in a vertical plane through 90 degrees between a first, operative position and a second, stowed position;

locking means for locking the gun cradle in the stowed position;

a magazine attached to one side of the gun cradle, said magazine including a lower inwardly projecting portion disposed below said gun cradle and said magazine further including a pair of mounting brackets secured to said mounting elements of said gun cradle;

a spent case and link frame attached to the opposite side of the cradle mount;

a spent case and link bag connected to and supported by said frame.

[c11] 11. A device as defined in claim 10 wherein said gun cradle includes transversely spaced first and second mounting members extending oppositely from said first and second lugs for supporting said opposite end of said pintle.

[c12] 12. A device as defined in claim 10 further comprising a spent case and link deflector supported by said mount

and disposed so as to deflect spent cases and links ejected from a machine gun mounted in the gun cradle away from the machine gun to one side thereof.